



COMMONWEALTH OF MASSACHUSETTS  
EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
ONE WINTER STREET, BOSTON, MA 02108 617-292-5500

MITT ROMNEY  
Governor

KERRY HEALEY  
Lieutenant Governor

ELLEN ROY HERZFELDER  
Secretary

ROBERT W. GOLLEDGE, Jr.  
Commissioner

## 2005 Annual Notice to Local Boards of Health

Dear Sir or Madam:

July 1, 2005

The Massachusetts Department of Environmental Protection, Drinking Water Program (DEP/DWP) annually provides local Boards of Health (BOH) with an inventory of all public water systems (PWS) in the Commonwealth for review and comment. We hope to continue to foster a working partnership between BOH and DEP to protect public health. (Please review Attachment A for a summary on the topics listed below.) This year the annual update includes information on the following:

- ✓ Inventory of all registered public water systems in your city or town
- ✓ Private/public water system determination fact sheet
- ✓ The importance of referring daycares to DEP for approval if they meet the definition of a public water system
- ✓ Urgent issue regarding gas station conversions to restaurants or other food serving establishments
- ✓ Point of Use-Point of Entry (POU/POE) treatment devices
- ✓ Annual recreational camp requirement
- ✓ Water supply safety issues at local fairs
- ✓ PWS information on the DEP/DWP website

The DEP/DWP has improved its capability to share timely information about the water system(s) within your community. Through the use of Adobe Acrobat PDF files and file attachments to e-mails, we would be pleased to keep you informed of decisions affecting your local systems. If you are interested in participating, please send your email address to me at [Program.Director-DWP@state.ma.us](mailto:Program.Director-DWP@state.ma.us).

Thank you for continuing to work together with us to protect the public health. If you have any questions on the material provided, please call the contact persons listed in Attachment A.

Sincerely,

David Y. Terry, Program Director  
DEP/BRP/Drinking Water Program

Attachments:

Attachment A (detail sheet)  
List of PWS in Your Town  
Private/Public Chart  
POU/POE Fact Sheet  
Annual Recreational Camp Notification Form

cc: DPH Paul Tierney  
DEP Web site

Y:\DWPArchive\BOSTON\Annual BOH letter-statewide-2005-01-07.doc

## 2005 Board of Health Update

### \*\*\*\*\*INVENTORY OF ALL REGISTERED PUBLIC WATER SYSTEMS\*\*\*\*\*

Please find attached to this letter a list of Public Water Systems (PWS) in your city or town. This information is provided to make you aware of all of the PWS in your city or town that are registered with the DEP/DWP. Please review this information for any discrepancies. Discrepancies may include the following:

- **Systems that should be added to the list** because the facility meets the definition of a PWS: has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days of the year.
- **Systems that should be deleted from the list** because the facility no longer has its own well or source of water.
- **Changes in address and ownership.**

Please update and return the list to DEP/DWP, 1 Winter St., 6<sup>th</sup> Floor, Boston, MA, 02108. Att: Mark T. Bolivar.

You may also respond by email to [Program.Director-DWP@state.ma.us](mailto:Program.Director-DWP@state.ma.us), Subject: BOH update

### \*\*\*\*\*HOW TO DETERMINE IF A FACILITY IS A PUBLIC OR PRIVATE WATER SYSTEM\*\*\*\*\*

To help BOH quickly determine whether a facility is a public or private water system, a flowchart has been attached for BOH use. An electronic copy of the chart is also available at <http://www.mass.gov/dep/brp/dws/boh.htm>. If a facility is a public water system and it is not currently registered with DEP then the facility must be referred to DEP for oversight. If you have any question on this information contact the program at [Program.Director-DWP@state.ma.us](mailto:Program.Director-DWP@state.ma.us).

### \*\*\*\*\*IDENTIFYING DAYCARES THAT MEET THE DEFINITION OF A PWS\*\*\*\*\*

Recently the DEP identified several daycare facilities that were unregistered public water systems. These daycares served 25 or more persons, at least 60 or more days a year and had their own source of drinking water (e.g. a well). Please be advised that if a daycare facility meets the definition of a public water system it must be referred to the DEP for registration and to ensure compliance with 310 CMR 22.00 and all applicable DEP standards, permits, and approvals. Daycares that meet the definition of a public water system but do not comply with the DEP standards will be subjected to enforcement action (including monetary penalties). Please contact Michael Maynard at 617-556-1106 or [Michael.Maynard@state.ma.us](mailto:Michael.Maynard@state.ma.us) for more information on daycare regulations.

### \*\*\*\*\*URGENT ISSUE REGARDING GAS STATION CONVERSION\*\*\*\*\*

Recently there has been an increase in the number of conversions of gas stations and storefronts into other uses. Please be advised if a facility that is currently classified as a private water supply proposes any future changes in the use of the establishment that would cause the system to be classified as a public water supply, then the facility must meet all applicable DEP standards, and obtain the proper DEP permits and approvals. Some examples include a change from a small office or gas station to a daycare, coffee shop, restaurant or other facility, that may serve beverages, handle food, require food permits, or supply water to more than 25 persons on average per day.

Proponents creating any new or potential public water system should be directed to contact the DEP/DWP as they would be subject to 310 CMR 22.00 and all applicable DEP standards, permits and approvals. It should also be noted that if a proponent subsequently creates and/or operates a facility as a public water system prior to obtaining DEP approvals, the facility owner(s) and operator(s) are subject to enforcement action (including monetary penalties).

### \*\*\*\*\*POINT OF USE POINT OF ENTRY TREATMENT DEVICES FACT SHEET\*\*\*\*\*

The attached fact sheet titled "Point of Entry/Point of Use Treatment" was developed to help PWSs, BOH, facility owners, and consumers understand when the installation of a POU/POE treatment device would create a public water system and thereby require DEP oversight. The fact sheet also summarizes the minimum requirements for POU/POE installations noted in the Drinking Water Regulations 310 CMR 22.00. The fact sheet will be available on the DEP website at <http://www.mass.gov/dep/brp/dws/dwshome.htm>. Please contact Yvette dePeiza at 617-292-5857 or [Yvette.dePeiza@state.ma.us](mailto:Yvette.dePeiza@state.ma.us) for more information on POU/POE.

\*\*\*\*\*ANNUAL RECREATIONAL CAMP REQUIREMENT\*\*\*\*\*

As you know, BOH have the responsibility for licensing local recreational camps. Licenses are issued in accordance with 105 CMR 430.000, which stipulates that, “upon the issuance of a license, the local board of health shall notify the Massachusetts Department of Environmental Protection (DEP) and the Massachusetts Department of Public Health. Said notification shall include the name and address of the camp, the name of the owner, the number of campers and staff and the number of days per year that the camp will be in operation”. Please remember to submit this information to DEP staff using the attached form.

Information on drinking water requirements and campgrounds is available electronically on the DEP website at <http://www.mass.gov/dep/brp/dws/camps.htm>. You may also contact Yvette DePeiza at 617-292-5857, or [Yvette.dePeiza@state.ma.us](mailto:Yvette.dePeiza@state.ma.us). Alternately you may contact the Drinking Water Program regional staff listed below in the section on local fairs.

\*\*\*\*\*WATER SUPPLY SAFETY ISSUES AT LOCAL FAIRS\*\*\*\*\*

DEP/DWP recommends the following procedures to help BOH provide oversight of private water supply sources used for public drinking water at local, county, and state fairs. Currently, these sources may not be regulated by the DEP as a public water source but are more commonly regulated by the Massachusetts Department of Public Health (DPH) and BOH.

The recommendations listed below should be considered part of the local permitting process for these events. They are intended to help prevent waterborne disease outbreaks.

A buffer area of at least 100 feet should be established around wells. No animal shelters, animal feed lots, animal waste disposal, septic systems, portable sanitary facilities, chemical or fuel storage, or vehicle parking should occur within this buffer zone.

- Event operators should work with a certified drinking water operator at least 30 days prior to the opening of each fair to assure that water sources and all water lines are thoroughly flushed and disinfected.
- Total coliform bacteria samples should be collected and the samples must test “absent” for coliform bacteria. Coliform samples should be collected 30 days prior to the event and again at least 1 week prior to any use of the water system. Coliform bacteria samples should continue to be collected and analyzed during each seven-day period the fair is in operation, or as determined by the BOH as a result of a site-specific inspection. Samples for nitrate and nitrite should also be collected 30 days prior to the event and again at least 1 week prior to any use of the water system. If any contaminants are detected, or if site-specific criteria require it, additional sampling may be required.
- A Massachusetts certified laboratory must perform all testing. To locate a certified lab and certified drinking water operator in your area, visit the following Web sites or contact your regional DEP office:  
<http://license.reg.state.ma.us/loca/locaProf.asp> (Find a Certified Operator)  
[www.state.ma.us/reg/boards/dw/cmr.htm](http://www.state.ma.us/reg/boards/dw/cmr.htm) (Board of Certified Operators)  
[www.state.ma.us/dep/bspt/wes/files/certlabs.pdf](http://www.state.ma.us/dep/bspt/wes/files/certlabs.pdf) (List of Massachusetts Certified Labs)

Information on securing private sources of drinking water at local fairs is available electronically on the DEP website at <http://www.mass.gov/dep/brp/dws/camps.htm>. You may also contact Paul Blain at 617/292-5948 or [Paul.Blain@state.ma.us](mailto:Paul.Blain@state.ma.us). Alternately you may contact the regional offices at:

<b>Western Regional Office</b>	<b>Northeast Regional Office</b>	<b>Central Regional Office</b>	<b>Southeast Regional Office</b>
Dan Laprade 413/755-2289	James Dillon 617/654-6622	Kelly Momberger 508/849-4023	Dan DiSalvio 508/946-2783
<a href="mailto:Daniel.Laprade@state.ma.us">Daniel.Laprade@state.ma.us</a>	<a href="mailto:James.Dillon@state.ma.us">James.Dillon@state.ma.us</a>	<a href="mailto:Kelly.Momberger@state.ma.us">Kelly.Momberger@state.ma.us</a>	<a href="mailto:Dan.Disalvio@state.ma.us">Dan.Disalvio@state.ma.us</a>
		Paul Anderson 508/767-2802	Dave DeLorenzo, 508/946-2764
		<a href="mailto:Paul.Anderson@state.ma.us">Paul.Anderson@state.ma.us</a>	<a href="mailto:David.Delorenzo@state.ma.us">David.Delorenzo@state.ma.us</a>

\*\*\*\*\*SPECIFIC PWS INFORMATION ON THE DEP/DWP WEBSITE\*\*\*\*\*

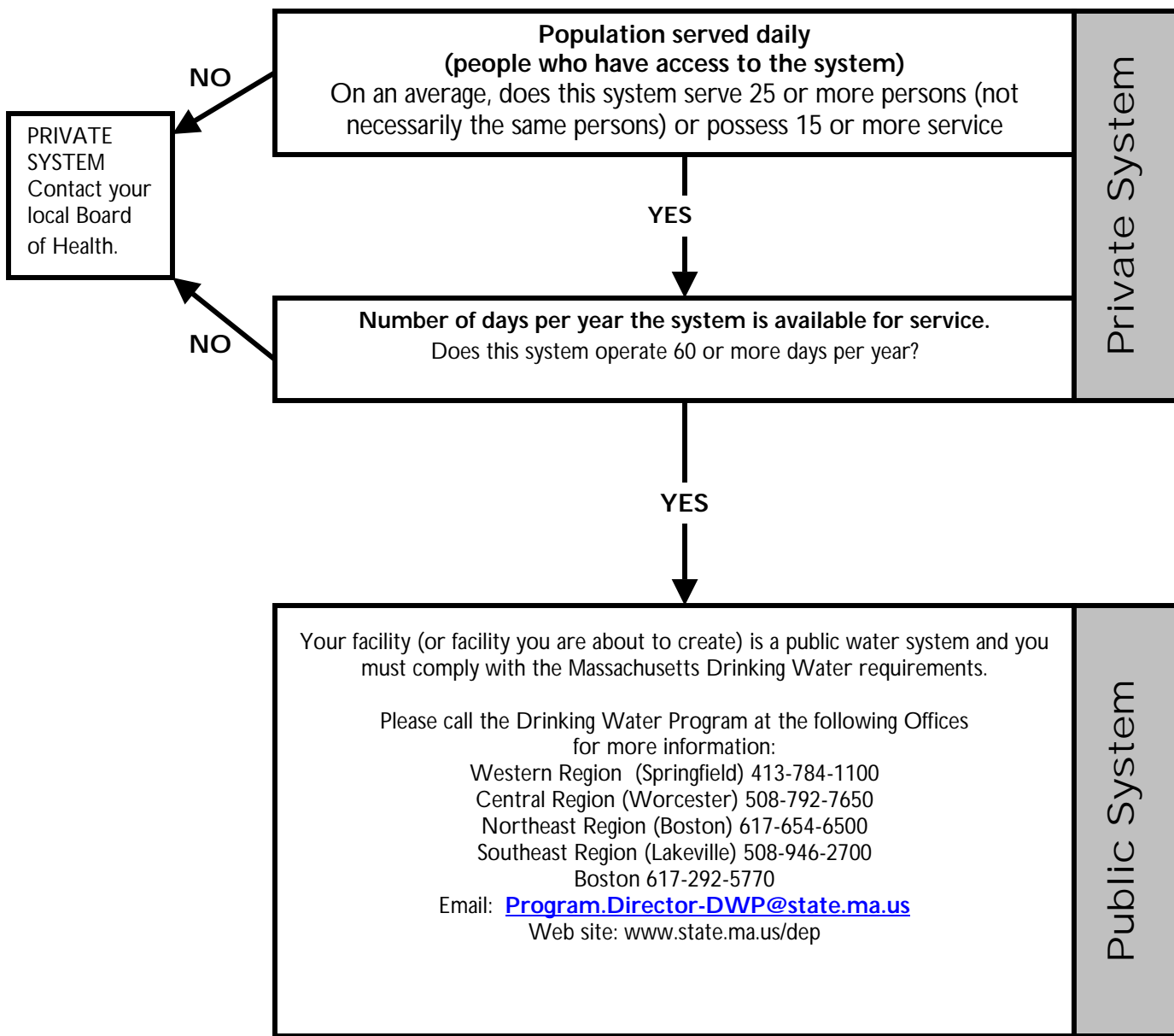
BOH might find the following information useful:

- Public water system contact information (City/town, PWS name, PWS ID #, location and mailing address, contact person name, phone and fax #): <http://www.mass.gov/dep/brp/dws/contdwp.htm> - click on “public water supply contacts”
- List of Massachusetts certified laboratories: <http://www.mass.gov/dep/brp/dws/contdwp.htm> click on “Certification Status of Environmental Laboratories Certified by Massachusetts DEP”
- **Lead and Copper in School Drinking Water:** <http://www.mass.gov/dep/brp/dws/lead.htm>
- Private Well Guidelines: <http://www.mass.gov/dep/brp/dws/privwell.htm>
- List of Certified Operators: <http://www.mass.gov/dep/brp/dws/certop.htm>
- Information on the UIC Program: <http://www.mass.gov/dep/brp/dws/uic.htm>



## Is This Facility (or the facility you are about to create) a Private or Public Drinking Water System <sup>1</sup>?

Follow this chart to determine your drinking water system type.



<sup>1</sup> As defined by the Massachusetts Drinking Water Regulations 310 CMR 22.00 and the Federal Safe Drinking Water Act. See the following web page for a copy of 310CMR 22.00 <http://www.mass.gov/dep/brp/dws/regs.htm>

**DEP Drinking Water Program  
Recreational Camps Licensed by Local Boards of Health in 2005\***

<b>A</b>	City/Town	Date
	Board of Health Contact Person	Phone
	Address	E-mail

*Please print in black ink*

*Determine if the camps in your town fit **B** or **C** and complete the requested information in each table.*

<b>B</b>	All camps in our city/town <u>are served</u> by a single public water system (PWS) who is registered with DEP.	
	PWS Name	PWS ID
	PWS Name	PWS ID
	PWS Name	PWS ID

**The camps listed below are not served by a single public water system registered with the DEP**

<b>C</b>	Camps with their own source of water supply	
	Camp #	Camp Name
	Phone Number at Camp	
	Camp Location/Address	
	Contact Person at Camp	
	Camp Owners Name:	
	Camp Owners Address	
	Maximum number of Campers:	
<b>C</b>	Number of Staff:	
	Number of days camp is open:	
	Dates: From	
	to	
	Number of days of pre-open training or startup time:	
	Number of days of post camp closing close-down time:	
	Comments:	
	<b>C</b>	Camp #
Camp Name		
Phone Number at Camp:		
Camp Location/Address		
Contact Person at Camp:		
Camp Owners Name:		
Camp Owners Address:		
Maximum number of Campers:		
<b>C</b>	Number of Staff:	
	Number of days camp is open:	
	Dates: From	
	to	
	Number of days of pre-open training or startup time:	
	Number of days of post camp closing close-down time:	
	Comments:	
	<b>C</b>	Camp #
Camp Name		
Phone Number at Camp:		
Camp Location/Address		
Contact Person at Camp:		
Camp Owners Name:		
Camp Owners Address:		
Maximum number of Campers:		
<b>C</b>	Number of Staff:	
	Number of days camp is open:	
	Dates: From	
	to	
	Number of days of pre-open training or startup time:	
	Number of days of post camp closing close-down time:	
	Comments:	

\* "Upon the issuance of a license, the local board of health shall notify the Massachusetts Department of Environmental Protection and the Massachusetts Department of Public Health. Said notification shall include the name and address of the camp, the name of the owner, the number of campers and staff, and the number of days per year that the camp will be in operation". 105 CMR 430.000

**Return this form by July 30, 2005** to: Department of Environmental Protection; Drinking Water Program – 6<sup>th</sup> floor; 1 Winter Street; Boston, MA 02108; Attention: WQA/Campgrounds

You may also email your response to [Program.Director-DWP@state.ma.us](mailto:Program.Director-DWP@state.ma.us), Subject: WQA/Campgrounds

An e-copy of this form can be found at <http://www.mass.gov/dep/brp/dws/boh.htm>

**Make copies of this form if you need more room to list all your camps.**



Massachusetts  
Department  
of  
ENVIRONMENTAL  
PROTECTION

Massachusetts Department of  
Environmental Protection  
One Winter Street  
Boston, MA 02108-4746

Commonwealth of  
Massachusetts  
Mitt Romney, Governor  
Kerry Healey, Lt. Governor

Executive Office of  
Environmental Affairs  
Ellen Roy Herzfelder  
Secretary

Department of  
Environmental Protection  
Robert W. Gollidge, Jr.  
Commissioner

Produced by the  
Bureau of Resource Protection  
Drinking Water Program,  
May 2005.  
Printed on recycled paper.

# Point of Entry/Point of Use Treatment

**Common questions about point of entry and point of use (POE/POU) treatment devices that are installed by private owners.**

## **What are Point of Entry and Point of Use water treatment devices?**

A Point of Entry (POE) treatment device is any unit installed that changes the water quality of all potable water entering a building. A Point of Use (POU) treatment device is any unit installed on a single water faucet or bubbler that changes the water quality. POE and POU treatment devices such as carbon filters are sometimes installed to enhance the aesthetic quality (taste and odor) of potable water supplied by a public water system. In other cases, POE and POU treatment devices are installed to meet drinking water standards and are regulated by the Massachusetts Department of Environmental Protection (DEP).

## **Are you planning to install a POE or POU at your building?**

Depending on several conditions, the POE or POU installation may create a regulated public water system (PWS) thus making you one of the responsible parties for providing safe drinking water in the building.

## **Under what conditions would the device create a public water system?**

If the device treats all the water entering the building and regularly serves an average of at least 25 individuals daily at least 60 days of the year, the installation will create a PWS.

## **If your installation creates a PWS, will the MA DEP regulate it?**

**YES:** If treatment with a POE or POU device is necessary to meet MA DEP Drinking Water Standards (reduce contaminants to less than the maximum contaminant level or action level and/or satisfy a treatment technique requirement), the installation will be regulated. Contact your local public water supplier to confirm that the device is required. If it is required, both you and the public water supply system are responsible for complying with the MA DEP Drinking Water Regulations, 310. CMR 22.00.

**YES:** If at any time, the DEP determines there is a health risk to those consuming water treated by a POE or POU and the device supplies water to 25 or more people, 60 or more days a year, the DEP can require the owner to comply with all state regulations governing public water systems.

**NO:** If you install a POU device for aesthetic purposes only and the water supplied to your building meets all MA DEP Drinking Water Standards, it will not be regulated.

**NO:** If you install a POE device for *aesthetic* purposes only, *you will not be regulated as a PWS if water quality is maintained and you comply with the following requirements* defined in MA DEP Drinking Water Regulations, 310 CMR 22.23 (6):



Massachusetts  
Department  
of  
ENVIRONMENTAL  
PROTECTION

Massachusetts Department of  
Environmental Protection  
One Winter Street  
Boston, MA 02108-4746

Commonwealth of  
Massachusetts  
Mitt Romney, Governor  
Kerry Healey, Lt. Governor

Executive Office of  
Environmental Affairs  
Ellen Roy Herzfelder  
Secretary

Department of  
Environmental Protection  
Robert W. Gollodge, Jr.  
Commissioner

Produced by the  
Bureau of Resource Protection  
Drinking Water Program,  
May 2005.  
Printed on recycled paper.

- You must notify the local public water system, the local health authority, and the DEP in writing of the intended installation.
- You must comply with any local drinking water requirements set by the public water system serving your building.
- You are responsible for the operation and maintenance of the treatment device.
- You may only install POE devices approved by the Massachusetts Board of State Examiners of Plumbers and Gasfitters (<http://www.mass.gov/dpl/boards/pl/>).
- The POE device must be installed in accordance with the Uniform State Plumbing Code 248 CMR 2.00 (<http://www.mass.gov/dpl/boards/pl/cmr.htm>).
- You must monitor the water quality as required by the DEP, the local health authority, and the public water system serving your building.
- Water treated by the POE device must meet microbiological water quality standards at all times as specified by MA DEP Drinking Water Regulations 310 CMR 22.05. Monthly sampling for bacteria is recommended.
- Methods for disposing of any wastewater produced by the treatment device must comply with all applicable federal, state, and local regulations.

**For more information, contact the DEP Regional Offices:**

DEP Western Region  
436 Dwight Street, Suite 402  
Springfield, MA 01103  
413-784-1100

DEP Central Region  
627 Main Street  
Worcester, MA 01605  
508-792-7650

DEP Southeast Region  
20 Riverside Drive  
Lakeville, MA 02347  
508-947-6557

DEP Northeast Region  
One Winter Street  
Boston, MA 02108  
617-654-6500

DEP Boston  
Drinking Water Program  
One Winter Street  
Boston, MA 02108  
617-292-5770  
[Program.Director-DWP@state.ma.us](mailto:Program.Director-DWP@state.ma.us)